

WHAT IS CLAIMED IS:

1. A cooling system for an engine equipped with a main thermostat and a sub-thermostat for individually controlling the flow of cooling water in a cylinder block and a cylinder head, wherein a stagnation chamber, where cooling water discharged from said cylinder block remains stagnant, is installed inside a sub-thermostat housing mounted with a sub-thermostat, and said stagnation chamber is positioned therein with a temperature sensing unit of said sub-thermostat and said stagnation chamber communicates with a cooling water discharge passage of said cylinder head via a confluence passage.
- 10 2. The system of claim 1, wherein a cap is attachably and detachably coupled at a lateral surface of said sub-thermostat housing.
3. The system of claim 1, wherein said confluence passage is slantly connected to the cooling water discharge passage of said cylinder head.
- 15 4. The system of claim 1, wherein a longitudinal direction of said sub-thermostat is arranged parallel with the cooling water discharge passage of said cylinder head.
5. The system of claim 1, wherein said sub-thermostat is opened and closed by the temperature of the cooling water discharged from said cylinder block, and by the pressure difference between a cooling water passage of said cylinder block and 20 the cooling water passage of said cylinder head.
6. A cooling system for an engine mounted with a main thermostat and a sub-thermostat for individually controlling the flow of cooling water in a cylinder block

and a cylinder head, wherein a sub-thermostat housing mounted with said sub-thermostat is formed with a confluence passage communicating with a cooling water discharge passage of said cylinder head, and a through hole formed at a valve seat of said sub-thermostat is oppositely formed from the cooling water discharge passage of
5 said cylinder head.

7. The system of claim 6, wherein a longitudinal direction of said sub-thermostat is arranged parallel with the cooling water discharge passage of said cylinder head.

8. The system of claim 6, wherein said confluence passage is slantly
10 connected to the cooling water discharge passage of said cylinder head.